



**NEWSLETTER**

## The Flow Cytometry and Confocal Microscopy Core Facility

[http://www.sdu.dk/en/om\\_sdu/institutter\\_centre/imm\\_molekylaer\\_medicin/forskning/cancerinflammation/metoder/welcome](http://www.sdu.dk/en/om_sdu/institutter_centre/imm_molekylaer_medicin/forskning/cancerinflammation/metoder/welcome)

The Flow Cytometry and Confocal Microscopy Core Facility includes:

3 flowcytometric analyzers and 1 FACS Aria cell sorter.

An Olympus FV1000MPE confocal microscope (DaMBIC instrument), a Zeiss 710 confocal microscope and an IVIS Spectrum *in vivo* image analyzer (DaMBIC instrument).

The Core Facility operates as a non-profit unit. The fees are to cover maintenance expenses only. It is available for all users inside and outside the University of Southern Denmark.

### NEWS!

For your convenience we have **lowered the fees** for our Flow equipment considerably 😊. All with the intention of welcoming new users and allowing “old” users to do more experiments. Please see our homepage for more information. Fees are now competitive with fees at the Universities in Aarhus and Copenhagen.

We have obtained a **High-Throughput-Sampler for the LSR II**. This makes it possible for you to make a Plate-Based Acquisition. It also allows for the analysis of a high number of samples in a short time. Make an appointment with Lars for its demonstration. For more details see: <http://www.bdbiosciences.com/eu/bd-lsr-ii/bd-lsr-ii-options/bd-hts-option-for-bd-lsr-ii/p/338301>

For the Olympus microscope, we have purchased a **new objective, 10XW**. It works fine with our two-photon laser as well. For more details see: <http://www.olympus-lifescience.com/en/objectives/lumplfn-w/>

In March we hosted a very successful **PhD course in Flow Cytometry** and Cell Sorting. We repeat the course in October this year (24-28 Oct.). You will find more information here: [http://www.sdu.dk/en/forskning/phd/phd\\_skoler/phdskolensundhedsvidenskab/phd\\_students/phd\\_courses/kursusoversigt](http://www.sdu.dk/en/forskning/phd/phd_skoler/phdskolensundhedsvidenskab/phd_students/phd_courses/kursusoversigt)

**Contact** [lvitved@health.sdu.dk](mailto:lvitved@health.sdu.dk) for **first time** usage or questions in general regarding the flow analyzers and the cell sorter.

**Contact** [uhansen@health.sdu.dk](mailto:uhansen@health.sdu.dk) for **first time** usage or questions in general regarding the microscopes and the IVIS. Once you have received the proper training you will be able to make a **reservation of the equipment**, go to: [www.dambic.sundvision.dk](http://www.dambic.sundvision.dk).

**Responsible VIP's** for management of the facility are Professor Søren Moestrup [smoestrup@health.sdu.dk](mailto:smoestrup@health.sdu.dk) and Associated Professor Søren Hansen [shansen@health.sdu.dk](mailto:shansen@health.sdu.dk) at Department of Cancer and Inflammation, IMM.